



CITY OF WEST LAFAYETTE

Office of the City Engineer

609 West Navajo Street
West Lafayette, Indiana 47906
Phone: 765.775.5130
Fax: 765.775.5249

April 26, 2010

RE: Quotes for Crack Sealing

West Lafayette Engineering Department is requesting quotes for crack sealing on various roads throughout the city. The enclosed Quote Sheet needs to be completed and submitted to the Office of the Clerk-Treasurer, 609 West Navajo Street, West Lafayette, Indiana 47906 in a sealed envelope by 4 p.m., Friday, May 14, 2010. The envelope should be marked on the outside with the following notation: **Quotes for Crack Sealing**. Quotes will be opened publicly and reviewed at the Board of Public Works and Safety meeting in City Hall at 8:30 a.m. on May 17, 2010. The Engineering Department plans to issue a purchase order for the lowest responsive, responsible quote.

West Lafayette Engineering Department is exempt from Indiana sales tax.

Please contact me at 765.775.5130 for any additional information or description.

Sincerely,

Elizabeth L. Cook, P.E.
Engineering Assistant

Enclosure

Cc: file
Indiana Seal Coating
Pavement Solutions, Inc.
Straight Lines, Inc.

CRACK SEALING

QUOTE SHEET

The Contractor will be responsible for the work at the locations listed below.

The right is reserved to reject any and all unit prices which are considered excessive. Substitutions for any material will be allowed only with prior approval.

All work must conform to the attached Specifications and the City of West Lafayette Standards and Typical Construction Guidelines and Details (approved by the Board of Public Works and Safety to be effective January 1, 2010).

The Total Quote amount should include the cost necessary to complete all work described by these documents. Unit prices shall apply to addition or deductions, by change order, to the contract as required/requested by the Owner.

THE TOTAL COST TO PROVIDE ALL MATERIAL, LABOR, AND EQUIPMENT NECESSARY TO COMPLETE THE CRACK SEALING; WORK MAY BEGIN UPON APPROVAL OF THE PROPOSED WORK SCHEDULE BY WEST LAFAYETTE ENGINEERING DEPARTMENT, FOLLOWING THE ISSUANCE OF A PURCHASE ORDER, AND ALL WORK IS TO BE COMPLETED BY JULY 30, 2010.

\$ _____

ITEM No.	ITEM NAME	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1.	Crack Sealing	128,263	SYD	X	=
TOTAL QUOTE					=

Contractor's Name: _____

Authorized Signature: _____

Date: _____ Phone Number: _____

SPECIFICATIONS

- I. Crack sealant must be a mixture of Asphalt Cement (PG76-22 modified asphalt) and polypropylene fibers. The composition of the crack sealant mixture shall be a minimum of 92 percent asphalt cement, 7.5 (\pm 1) percent fibers.

Fiber shall meet the following requirements:

Denier:	15 \pm 3	ASTM D-1577
Length:	10 \pm 2 mm	
Tensile Strength:	40,000 psi, min	ASTM D-2256-80

- II. Crack sealant material is to be applied at a minimum temperature of 265 degrees Fahrenheit and a maximum temperature of 300 degrees Fahrenheit. Asphalt, fiber, and polymer shall be field blended in an oil-jacketed, double wall kettle with a full sweep agitator driven by a variable speed, reversible motor. (Pre-packaged material is not acceptable.)
- III. The sealant shall be placed on all cracks 1/4 inch and larger, or as directed by the Engineering Department. All cracks shall be free of vegetation, dry, and cleaned with oil free compressed air prior to sealant application. The air compressor shall be capable of furnishing a minimum of 100 psi at the nozzle. Traffic shall not be allowed on the sealant until it has cured and the possibility of tracking of material does not exist.
- IV. The contractor is responsible for all materials, labor, equipment, and traffic control. The quantities will be for the actual number of square yards of crack sealant meeting the above specifications, completed and accepted.
- V. Payment for this work will be made at the contract unit price per square yard completed and accepted. Final payment will not be made until all agreed square yard measurements have been collected and approved by the Engineering Department.

ESTIMATED QUANTITIES

ITEM	STREET	FROM/TO	APPX. LENGTH	AVG. WIDTH	AREA
			(FT)	(FT)	(SYD)
1	BOONE	LAGRANGE TO HAMILTON	1218	28	3789
2	COVINGTON	LAGRANGE TO HAMILTON	1915	28	5958
3	CRAWFORD	LAGRANGE TO	1915	28	5958
4	DUBOIS	PIKE TO HAMILTON	1001	28	3114
5	GIBSON	DUBOIS TO END	173	30	577
6	HAMILTON	COVINGTON TO JENNINGS	3975	32	14133
7	LAGRANGE	SALISBURY TO ELKHART	4475	28	13922
8	MORGAN	LAGRANGE TO HAMILTON	1293	28	4023
9	NOBLE	CRAWFORD TO END	673	30	2243
10	PIKE	SALISBURY TO CRAWFORD	987	28	3071

11	PUTNAM	LAGRANGE TO HAMILTON	1470	28	4573
12	SPENCER	DUBOIS TO END	298	30	993
13	ST. JOSEPH	JASPER TO END	718	30	2393
14	VIGO	LAGRANGE TO END	420	30	1400
15	WARRICK	COVINGTON TO CRAWFORD	848	28	2638
16	GRANT	MERIDIAN TO SALISBURY	3770	39	16337
17	SALISBURY	US 52 TO KALBERER	5610	43	26803
18	SALISBURY*	ROBINSON TO RILEY	3770	39	16337
TOTAL (SYD)					128,263

* Include the asphalt/concrete gutter transition joint in this quantity.